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<http://www.cas.org/support/stngen/stndoc/properties.html>

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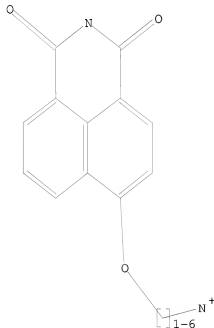
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L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

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SAMPLE SCREEN SEARCH COMPLETED - 17 TO ITERATE

100.0% PROCESSED 17 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

10658648

BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 93 TO 587  
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

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FULL SCREEN SEARCH COMPLETED - 183 TO ITERATE

100.0% PROCESSED 183 ITERATIONS 2 ANSWERS  
SEARCH TIME: 00.00.01

L3 2 SEA SSS FUL L1

=> file caplus  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
ENTRY SESSION  
FULL ESTIMATED COST 191.54 191.76

FILE 'CAPLUS' ENTERED AT 17:41:35 ON 07 JUN 2010  
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FILE COVERS 1907 - 7 Jun 2010 VOL 152 ISS 24  
FILE LAST UPDATED: 6 Jun 2010 (20100606/ED)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2010  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2010

CAPLUS now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2010.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

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L4 3 L3

=> d abs fbib hitstr 1-3

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2010 ACS on STN  
 AB Fluorescent monomers are described and claimed which are synthesized by reacting a substituted or non-substituted naphthalic anhydride with an amine and with a moiety containing a polymerizable group. Such monomers are useful for the preparation of tagged treatment polymers. Such tagged treatment polymers are useful as scale inhibitors in industrial water systems.  
 AN 2004:569555 CAPLUS  
 DN 141:76328  
 TI Fluorescent monomers and tagged treatment polymers containing same for use in industrial water systems  
 IN Morris, John D.; Moriarty, Barbara E.; Wei, Mingli; Murray, Patrick G.; Reddinger, Jerry L.  
 PA Nalco Company, USA  
 SO U.S. Pat. Appl. Publ., 17 pp., Cont.-in-part of U.S. 6,645,428.  
 CODEN: USXXCO  
 DT Patent  
 LA English  
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 20040135125	A1	20040715	US 2003-658715	20030909
	US 7148351	B2	20061212		
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## PATENT FAMILY INFORMATION:

FAN 2001:798496

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ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

IT 371239-15-5P

RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(fluorescent monomer; fluorescent monomers and tagged treatment polymers containing same for use in monitoring scale inhibition in industrial water systems)

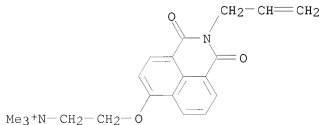
RN 371239-15-5 CAPLUS

CN Ethanaminium, 2-[[2,3-dihydro-1,3-dioxo-2-(2-propen-1-yl)-1H-benz[de]isoquinolin-6-yl]oxy]-N,N,N-trimethyl-, methanesulfonate (1:1) (CA INDEX NAME)

CM 1

CRN 371239-14-4

CMF C20 H23 N2 O3



CM 2

CRN 16053-58-0

CMF C H3 O3 S



RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2010 ACS on SIN  
AB Fluorescent monomers are described and claimed which are synthesized by reacting a substituted or non-substituted naphthalic anhydride with an amine and with a moiety containing a polymerizable group. Such monomers are useful for the preparation of tagged treatment polymers. Such tagged treatment polymers are useful as scale inhibitors in industrial water systems.

AN 2004:569554 CAPLUS

DN 141:76327

TI Fluorescent monomers and tagged treatment polymers containing same for use in industrial water systems

IN Morris, John D.; Moriarty, Barbara E.; Wei, Mingli; Murray, Patrick G.; Reddinger, Jerry L.

PA USA

SO U.S. Pat. Appl. Publ., 16 pp., Cont.-in-part of U.S. 6,645,428.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 20040135124	A1	20040715	US 2003-658648	20030909
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## PATENT FAMILY INFORMATION:

FAN 2001:798496

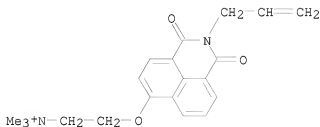
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AT 444344	T	20091015	AT 2001-930837		20010425
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FAN 2004:569555					
PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
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US 7148351	B2	20061212			
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US 20060254985	A1	20061116	US 2006-489166		20060719
US 7601789	B2	20091013			
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ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT					
OS	MARPAT 141:76327				
IT	371239-15-5P				
	RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)				
	(fluorescent monomer; fluorescent monomers and tagged treatment polymers containing same for use in monitoring scale inhibition in industrial water systems)				
RN	371239-15-5 CAPLUS				
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CM 1

CRN 371239-14-4

CMF C20 H23 N2 O3



CM 2

CRN 16053-58-0

CMF C H3 O3 S



OSC.G 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2010 ACS on STN

AB Fluorescent monomers are described and claimed which are synthesized by reacting a substituted or non-substituted naphthalic anhydride with an amine and with a moiety containing a polymerizable group. Such monomers are useful for the preparation of tagged treatment polymers. Such tagged treatment polymers are useful as scale inhibitors in industrial water systems. In many industrial water systems that employ polymers as water treatment agents it may be desirable to tag or mark such polymers to facilitate monitoring thereof.

AN 2001:798496 CAPLUS

DN 135:348686

TI Fluorescent monomers and tagged treatment polymers containing same for use in industrial water systems

IN Morris, John D.; Moriarty, Barbara E.; Wei, Mingli; Murray, Patrick Gerard; Reddinger, Jerry L.

PA Onco Nalco Company, USA

SO PCT Int. Appl., 93 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 3

PATENT NO.

KIND

DATE

APPLICATION NO.

DATE

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PATENT FAMILY INFORMATION:

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ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS MARPAT 135:348686

IT 371239-15-5P

RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

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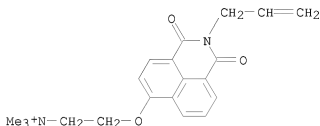
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CN Ethanaminium, 2-[[2,3-dihydro-1,3-dioxo-2-(2-propen-1-yl)-1H-benz[de]isoquinolin-6-yl]oxy]-N,N,N-trimethyl-, methanesulfonate (1:1) (CA INDEX NAME)

CM 1

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CMF C20 H23 N2 O3



CM 2

CRN 16053-58-0

CMF C H3 O3 S



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